

Course

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1.1.5. Student Pass or Fail Status

05.33 A -

Write a Python program to determine whether a student passed the exam or not based on their marks.

Pass/Fail Criteria:

- A student passes if marks ≥ 40
- A student fails if marks < 40

Input Format:

- Single line contains an integer representing the marks obtained by the student.

Output Format:

- Print "Pass" if the student passed the exam.
- Print "Fail" if the student failed the exam.

Sample Test Cases +

Explorer passOrFa...

```
1 marks = float(input())
2 if marks >= 40:
3     print("Pass")
4 else:
5     print("Fail")
```

Terminal Test cases

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Algorithm To Determine Pass or Fail

Step 1: Start

Step 2: Declare variable marks

Step 3: Read the value of marks|

Step 4: If marks ≥ 40

 → Display "Pass"

Step 5: Else

 → Display "Fail"

Step 6: Stop

